



Australian Bureau of Statistics

1216.0.15.002 - Australian Standard Geographical Classification (ASGC) Correspondences, July 2009

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Summary

Main Page

15 July 2009. Note: As of 26th June 2009 there have been two changes to Local Government names in Queensland that are not reflected in the digital boundaries and associated files. These changes will be incorporated in ASGC 2010.

Dalby (R) is renamed Western Downs (R)
Roma (R) is renamed Maranoa (R)

2009 ASGC AREA BASED CORRESPONDENCES

The Australian Standard Geographical Classification (ASGC) is a hierarchical classification system of geographical areas and consists of a number of interrelated structures. It provides a common framework of statistical geography and enables the production of statistics which are comparable.

The ASGC 2009 has a date of effect of 1 July 2009.

The product **Australian Standard Geographical Classification (ASGC) Correspondences** (cat. no. 1216.0.15.002) contains four separate correspondence files (previously known as concordance files). These are comma delimited text files. Metadata information that shows the file formats are included below.

Further information can be obtained from the Geography Section by emailing geography@abs.gov.au.

2009 ASGC Structures Correspondence

This file shows the relationship of the Statistical Local Area (SLA) within the 2009 ASGC Structures. This includes the Main Structure, the Statistical District Structure, the Statistical Region Structure and the Local Government Area Structure.

2009 LGA from 2009 SLA Correspondence

This file allows the conversion of data from the ASGC Edition 2009 Statistical Local Areas (SLA) to 2009 Local Government Areas (LGA). This area based correspondence can be used to translate statistics aggregated by SLA to LGA aggregations.

2009 SLA from 2006 CD Correspondence

This file allows the conversion of data from the 2006 Collection Districts (CD) to ASGC Edition 2009 Statistical Local Areas (SLA). This area based correspondence can be used to translate statistics aggregated by CD to SLA aggregations.

2009 SLA from 2008 SLA Correspondence

This file allows the conversion of data from the 2008 Statistical Local Areas (SLA) to ASGC Edition 2009 Statistical Local Areas (SLA). This area based correspondence can be used to translate statistics aggregated by 2008 SLA to 2009 SLA aggregations.

Product Brief

2009 CORRESPONDENCES PRODUCT BRIEF

Introduction

The Australian Bureau of Statistics (ABS) provides a set of standard correspondence files that enable users to convert data for one geographic area to another.

For 2009 the standard correspondences available are:

2009 LGA from 2009 SLA

2009 SLA from 2006 CD

2009 SLA from 2008 SLA

These files are area based correspondences. They provide a ratio of the area of overlap calculated using a GIS system. For example a 2009 SLA may be made up of 90% of one 2008 SLA plus 35% of another 2008 SLA.

The file naming is expressed in the form of "to area" = "from area" multiplied by a ratio.

File Naming Convention

Character and Meaning

- 1 "C" for Correspondence
- 2 "A" for Area Based Correspondence
- 3-6 Year of To Area
- 7-9 Type of To Area eg, "SLA" *
- 10 " _ "
- 11-14 Year of From Area
- 15-17 Type of From Area eg, "SLA" *

* in some cases the Area type is two characters, eg "CD", adjust character count appropriately

For Example

CA2009SLA_2006CD.txt is the text file containing the information concurring 2006 Census Collection Districts to 2009 SLAs based on the area correspondence principal.

Note. These files are sometimes known as a CD 2006 to SLA 2009 correspondence, but the ABS express these in the format of 2009SLA from 2006CD because this is the order the data appears in the file.

File Format

Correspondence files are comma-delimited text files.

Field Name	Type
To Area Code	Character
To Area Name	Character
From Area Code	Character
From Area Name	Character
Ratio	Number
Percentage	Number

Field Names will vary from file to file but are consistent in nature. The field name is constructed from the area type and date. For example the code field from the 2009 SLA file will have the name "SLA_2009_Code", and the name field from the 2009 SLA file will have the name "SLA_2009_Name". It is important to note the placement/ positioning convention as it is similar to the file naming convention.

Percentage - figure expressed as a percentage ranges from 0 to 100

Ratio - figures expresses as part of 1 - actual figures can be up to 10 decimal places and are expressed in mathematical terms - 4.77810788750317e-04 which is 0.000477810788750317

An Example

An example of an SLA 2005 to SLA 2006 area based correspondence file would be:

```
"SLA_2006_Code","SLA_2006_Name","SLA_2005_Code","SLA_2005_Name","Ratio","Percent"  
105051100,Botany Bay (C),105051100,Botany Bay (C),0.9795,97.95  
105051100,Botany Bay (C),105055200,Marrickville (A),1.4989195026137e-04,0.01  
105051100"Botany Bay (C),105106550,Randwick (C),4.77810788750317e-04,0.04
```

The estimated value for Botany (2006) from 2005 SLA data would be

105051100 (Botany Bay) = 105055200 (Botany Bay) data multiplied by 0. 9795
plus
105051100 (Botany Bay) = 105055200 (Marrickville) data multiplied by 0.0001
plus
105051200 (Botany Bay) = 105106550 (Randwick) data multiplied by 0.0004

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For enquiries please contact the ABS Geography Section, see details below.

ABS Geography Section

Email: geography@abs.gov.au

July 2009

2009 Australian Standard Geographical Classification Structures Correspondence

2009 AUSTRALIAN STANDARD GEOGRAPHICAL CLASSIFICATION (ASGC) STRUCTURES CORRESPONDENCE

This file shows the relationship of the Statistical Local Area (SLA) within the 2009 ASGC Structures: the Local Government Area Structure, the Main Structure, the Statistical District Structure and the Statistical Region Structure. The file contains a total of 1397 records. Off-Shore Areas & Migratory SLAs are included in this count.

File Name: 'ASGC2009_Structures.txt'

Format: ASCII, comma delimited

ASGC Edition 2009 - date of effect 1 July 2009

Record Structure

Field Name

- 1 Statistical Local Area Maincode 2009 ("SLA_MAINCODE_2009")
- 2 Statistical Local Area Name 2009 ("SLA_NAME_2009")
- 3 Statistical Local Area 5 Digitcode 2009 ("SLA_5DIGITCODE_2009")
- 4 Statistical Subdivision Code 2009 ("SSD_CODE_2009")
- 5 Statistical Subdivision Name 2009 ("SSD_NAME_2009")
- 6 Statistical Division Code 2009 ("SD_CODE_2009")
- 7 Statistical Division Name 2009 ("SD_NAME_2009")
- 8 State Code 2009 ("STATE_CODE_2009")
- 9 State Name 2009 ("STATE_NAME_2009")
- 10 Statistical District Code 2009 ("SDIST_CODE_2009")
- 11 Statistical District Name 2009 ("SDIST_NAME_2009")
- 12 Major Statistical Regions Code 2009 ("MSR_CODE_2009")
- 13 Major Statistical Regions Name 2009 ("MSR_NAME_2009")
- 14 Statistical Regions Code 2009 ("SR_CODE_2009")
- 15 Statistical Regions Name 2009 ("SR_NAME_2009")
- 16 Statistical Regions Sector Code 2009 ("SRS_CODE_2009")
- 17 Statistical Regions Sector Name 2009 ("SRS_NAME_2009")
- 18 SLA Region Code 2009 ("SLA_REGIONCODE_2009")
- 19 Local Government Area Code 2009 ("LGA_CODE_2009")
- 20 Local Government Area Name 2009 ("LGA_NAME_2009")

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2009 LGA from 2009 SLA Correspondence (LGA_SLA)

LOCAL GOVERNMENT AREA 2009 (LGA) FROM STATISTICAL LOCAL AREA 2009 (SLA) CORRESPONDENCE

This file identifies which 2009 LGAs comprise of which SLAs in 2009. This file comprises of 1393 records. Off-Shore Areas and Migratory SLAs are not included.

Format: ASCII, comma delimited.

File name CA2009LGA_2009SLA.txt.

Record Structure

Field Name

- 1 Local Government Area Code 2009 ("LGA_2009_CODE")
- 2 LGA Name 2009 ("LGA_2009_NAME")
- 3 Statistical Local Area Code 2009 ("SLA_2009_CODE")
- 4 SLA Name 2009 ("SLA_2009_NAME")
- 5 Ratio
- 6 Percent

Ratio - figures expressed as part of 1 - actual figures can be up to 10 decimal places and are expressed in mathematical terms - 4.77810788750317e-04 which is 0.000477810788750317

Percentage - figure expressed as a percentage ranges from 100 to 0

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2009 SLA from 2006 CD Correspondence (SLA_CD)

2009 STATISTICAL LOCAL AREA FROM 2006 COLLECTION DISTRICTS CORRESPONDENCE

This file identifies which 2009 SLAs comprise of which 2006 CDs.

The file contains a total of 43,832 records. CDs outside of the SLA boundary are not included such as Off-shore, Shipping and Migratory CDs.

File Name: 'CA2009SLA_2006CD.txt'

Format: ASCII, comma delimited

Record Structure

Field Name

- 1 Statistical Local Area 2009 Code ("SLA_2009_Code")
- 2 Statistical Local Area 2009 Name ("SLA_2009_Name")
- 3 Collection District 2006 Code ("CD_2006_Code")
- 4 Collection District 2006 Name ("CD_2006_Name")
- 5 Ratio
- 6 Percent

Ratio - figures expressed as part of 1 - actual figures can be up to 10 decimal places and are expressed in mathematical terms - 4.77810788750317e-04 which is 0.000477810788750317

Percentage - figure expressed as a percentage ranges from 100 to 0

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2009 SLA from 2008 SLA Correspondence (SLA_SLA)

ASGC 2009 FROM ASGC 2008 STATISTICAL LOCAL AREA (SLA) CORRESPONDENCE

This file assists in the conversion of 2009 SLAs from 2008 SLAs. This file contains a total of 3,795 records. Off-shore Areas and Migratory SLAs are not included.

File Name: 'CA2009SLA_2008SLA.txt'

Format: ASCII comma delimited

Record Structure

Field Name

- 1 Statistical Local Area 2009 Code ("SLA_2009_Code")
- 2 Statistical Local Area 2009 Code ("SLA_2009_Name")
- 3 Statistical Local Area 2008 Code ("SLA_2008_Code")
- 4 Statistical Local Area 2008 Name ("SLA_2008_Name")
- 5 Ratio
- 6 Percentage

Ratio - figures expressed as part of 1 - actual figures can be up to 10 decimal places and are expressed in mathematical terms - 4.77810788750317e-04 which is 0.000477810788750317

Percentage - figure expressed as a percentage ranges from 100 to 0

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About this Release

These correspondences consist of 4 zipped comma delimited files for the current edition of the ASGC. These are: previous Census Collection District to current SLA correspondence; current SLA to current LGA correspondence, previous year SLA to current SLA correspondence; and a hierarchy list of all levels of the current ASGC edition. These correspondences do not calculate between the ASGC and non-ASGC Geographies such as Postcodes.

Further information may be obtained from Geography by emailing geography@abs.gov.au

Explanatory Notes

Data Cubes (I-Note) - Data Cubes

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Roma (R) is renamed Maranoa (R)

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